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Datasheet for ABIN6140571

anti-Ferredoxin1 (FDX1) (AA 1-184) antibody

1 Image

Overview

Quantity:	100 µL
Target:	Ferredoxin1 (FDX1)
Binding Specificity:	AA 1-184
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-184 of human FDX1 (NP_004100.1).
Sequence:	MAAAGGARLL RAASAVLGGP AGRWLHHAGS RAGSSGLLRN RGPGGSAEAS RLSVVSARAR SSSEDKITVH FINRDGETLT TKGKVGDSLL DVVVENNLDI DGFGACEGTL ACSTCHLIFE DHIYEKLDAL TDEENDMLDL AYGLTDRSRL GCQICLTKSM DNMTVRVPET VADARQSIDV GKTS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

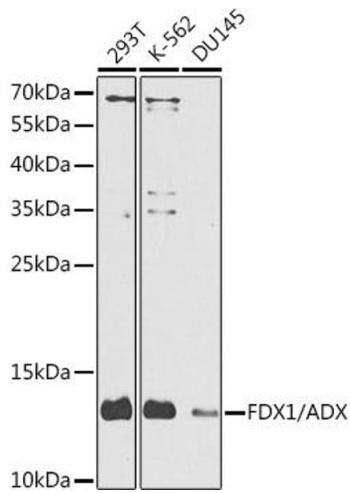
Target:	Ferredoxin1 (FDX1)
Alternative Name:	FDX1 (FDX1 Products)
Background:	This gene encodes a small iron-sulfur protein that transfers electrons from NADPH through ferredoxin reductase to mitochondrial cytochrome P450, involved in steroid, vitamin D, and bile acid metabolism. Pseudogenes of this functional gene are found on chromosomes 20 and 21.,FDX1,ADX,FDX,LOH11CR1D,FDX1
Molecular Weight:	19 kDa
Gene ID:	2230
UniProt:	P10109

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using FDX1/ADX antibody (ABIN6133468, ABIN6140571, ABIN6140572 and ABIN6225119) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.